

April 2, 2003

MEMORANDUM TO: Joseph G. Giitter, Chief  
Special Projects Section  
Special Projects and Inspection Branch  
Division of Fuel Cycle Safety  
and Safeguards  
Office of Nuclear Material Safety  
and Safeguards

FROM: Yawar H. Faraz, Sr. Project Manager **/RA/**  
Special Projects Section  
Special Projects and Inspection Branch  
Division of Fuel Cycle Safety  
and Safeguards  
Office of Nuclear Material Safety  
and Safeguards

SUBJECT: SUMMARY OF CONFERENCE CALL TO DISCUSS UNITED  
STATES ENRICHMENT CORPORATION'S GAS CENTRIFUGE  
QUALITY ASSURANCE PROGRAM DESCRIPTION

On March 3, 2003, Wilkins Smith, Yawar Faraz and David Brown from the Special Projects Section of the U.S. Nuclear Regulatory Commission (NRC) conducted a conference call with Mario Robles, Peter Miner, George Shoemaker, Kelly Sherwood, Roy Holliday, Bob Lawton and George Smith of the United States Enrichment Corporation (USEC) to get clarifications on the Quality Assurance Program Description (QAPD) document that USEC had submitted in July 2002. A summary of the conference call is attached.

Docket: 70-7003

Attachment: USEC Gas Centrifuge Lead Cascade QAPD Conference Call Summary  
(March 3, 2003)

cc: William Szymanski/DOE Headquarters  
James Curtiss/W&S  
Mario Robles/USEC  
Rod Krich/LES  
Randall DeVault/DOE Oak Ridge  
Dan Minter/SODI

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SUBJECT: SUMMARY OF CONFERENCE CALL TO DISCUSS UNITED STATES  
ENRICHMENT CORPORATION'S GAS CENTRIFUGE QUALITY  
ASSURANCE PROGRAM DESCRIPTION

On March 3, 2003, Wilkins Smith, Yawar Faraz and David Brown from the Special Projects Section of the U.S. Nuclear Regulatory Commission (NRC) conducted a conference call with Mario Robles, Peter Miner, George Shoemaker, Kelly Sherwood, Roy Holliday, Bob Lawton and George Smith of the United States Enrichment Corporation (USEC) to get clarifications on the Quality Assurance Program Description (QAPD) document that USEC had submitted in July 2002. A summary of the conference call is attached.

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\*See previous concurrence

<b>OFC</b>	SPIB*		SPIB*		SPIB*	2	SPIB	
<b>NAME</b>	YFaraz		WSmith		LGross		JGiitter	
<b>DATE</b>	4 / 01 /03		4 / 01 /03		4/ 01 /03		4/ 02 /03	

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### USEC Gas Centrifuge Lead Cascade QAPD Conference Call Summary (March 3, 2003)

NRC staff stated that it had completed its initial technical review of the USEC's Gas Centrifuge Quality Assurance Program Description (QAPD) document. USEC had submitted the QAPD by letter dated July 19, 2002, with a revised Revision 0 dated February 3, 2003. The QAPD addresses all design, procurement, fabrication, refurbishment, startup testing and operations activities associated with the Lead Cascade facility. NRC staff indicated that it had primarily used NUREG-1520, "Standard Review Plan (SRP) for the Review of a License Application for a Fuel Cycle Facility," March 2002, to review the QAPD.

The NRC requested clarification in four general areas that involved 11 of the 19 sections of the QAPD. The four general areas were:

- USEC's organization, the various functions, responsibilities, and internal and external interfaces, including all team members and major subcontracted functions for design engineering, refurbishment, safety, and QA functions.
- Process, criteria and methods for categorizing and designating quality levels and for applying appropriate QA controls to all structures, systems, and components (SSCs) and items relied on for safety (IROFS). USEC was informed that additional information will be needed regarding the process and methods for overseeing and controlling these activities.
- Organizational responsibilities for the various procurement activities covered by QAPD Sections 4.0, "Procurement Document Control," and 7.0, "Control of Purchased Material, Equipment, and Services," as well as Section 1.0, "Organization." Project and QA management responsibilities for an approved suppliers list, supplier selection, procurement document control, review of supplier-generated documents, acceptability of rework and delivered items and services (activities), resolution of supplier nonconformances and procurement and supplier records.
- QAPD commitments for NQA-1, Part II, Subpart 2.7, for all computer software that is used to produce or manipulate data that is used directly in the design, analysis and operation of IROFS and SSCs relied on for safety.

NRC staff noted that as part of its QA review for the full scope of Lead Cascade activities, it will also need to review the ISA Summary and the descriptions and commitments related to the interfacing management measures which are contained in USEC's Lead Cascade application dated February 11, 2003. NRC staff suggested an in-office review of USEC's implementation of the QAPD and supporting QA procedures. USEC indicated that it could support such a review in Piketon, Ohio. The NRC stated that it would forward a Request for Additional Information, if needed, to USEC after completing its in-office review, which is scheduled for April 10 and 11, 2003.